AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-20. (Canceled).

21. (currently amended) Threaded bolt, for use in ultrasonic measurement for determining the tension in the threaded bolt after it has been used in a connection, having a proximal head end and a distal insertion end extended about a shank having a substantially cylindrical body and a longitudinal axis,

the proximal head end and the distal insertion end are each provided with a single, exposed radial measurement plane which is perpendicular to the longitudinal axis, the radial measurement plane at the insertion end being formed by a freely exposed, flat bottom of a recess at the distal insertion end,

wherein the recess is bounded by a first circumferential plane or surface which at a point of change transitions into a second circumferential plane or surface of the distal insertion end via a buckle, [[and]]

wherein the proximal head end is adapted to detachably receive a sensor for measuring a distance between said measurement planes, and

~~wherein a sensor will be placed against the measurement plane at the proximal head end to measure the distance between the measurement planes~~,

wherein the proximal head end has an proximal outer end plane oriented perpendicular to the longitudinal axis, wherein the measurement plane at the proximal head end is located on and formed by the proximal outer end plane.

22. (previously presented) Threaded bolt according to claim 21, wherein the point of change from the first circumferential plane of the recess into the second circumferential plane is a sharp buckle shape.

23. (previously presented) Threaded bolt according to claim 22, wherein the first and the second circumferential planes each have a first and a second normal, respectively, said first and second normals having directional components in a direction perpendicular to the longitudinal axis, said directional components being opposite to one another.

24. (currently amended) Threaded bolt according to claim 21, wherein the first circumferential plane of the recess forms a conical surface which is oblique with respect to the

longitudinal axis, the angle of which is maximally 75° with respect to the longitudinal axis~~, preferably also more than 45°~~.

25. (previously presented) Threaded bolt according to claim 21, wherein the second circumferential plane is contiguous to the first circumferential plane of the recess and forms a conical surface oblique with respect to the longitudinal axis, the angle of which is maximally 45° with respect to the longitudinal axis.

26. (currently amended) Threaded bolt according to claim 25, wherein the conical surface of the second circumferential plane at a proximal side changes into a third cylindrical plane via an angle which is oblique with respect to the longitudinal axis, ~~preferably the angle is between 25-35°,~~ which cylindrical plane is contiguously provided with the thread.

27. (previously presented) Threaded bolt according to claim 21, wherein the distal insertion end of the bolt is truncated.

28. (previously presented) Threaded bolt according to claim 21, wherein the recess has been formed by means of one single upsetting treatment of the insertion end.

29. (previously presented) Threaded bolt according to claim 21, wherein said conical plane on said second circumferential plane has been obtained by means of a machining treatment.

30. (previously presented) Threaded bolt according to claim 21, wherein the measurement plane on the distal insertion end has been arranged without final processing operation.

31. (currently amended) Threaded bolt, for use in ultrasonic measurement for determining the tension in the threaded bolt after it has been used in a connection, having a proximal head end and a distal insertion end extended about a shank having a substantially cylindrical body and a longitudinal axis,

the proximal head end and the distal insertion end are each provided with a single, exposed radial measurement plane which is perpendicular to the longitudinal axis, the radial measurement plane at the insertion end being formed by a freely exposed, flat bottom of a recess at the distal insertion end,

wherein the recess is bounded by a first circumferential plane or surface which at a point of change transitions into a second circumferential plane or surface of the distal insertion end at an outermost portion of the distal insertion end, said outermost portion of the distal insertion end being formed by a

circular line in a plane perpendicular to the longitudinal axis, and

wherein the proximal head end is structured and arranged to detachably receive a sensor ~~will be placed against the measurement plane at the proximal head end to measure the~~ for measuring a distance between the measurement planes, wherein the proximal head end has an outermost proximal end plane oriented perpendicular to the longitudinal axis, wherein the measurement plane at the proximal head end is located on and formed by the outermost proximal end plane.

32. (previously presented) Threaded bolt according to claim 31, wherein the point of change from the first circumferential plane of the recess into the second circumferential plane is a sharp buckle shape.

33. (previously presented) Threaded bolt according to claim 32, wherein the first and the second circumferential planes each have a first and a second normal, respectively, said first and second normals having directional components in a direction perpendicular to the longitudinal axis, said directional components being opposite to one another.

34. (currently amended) Threaded bolt according to claim 31, wherein the first circumferential plane of the recess forms a conical surface which is oblique with respect to the longitudinal axis, the angle of which is maximally 75° with respect to the longitudinal axis~~, preferably also more than 45°~~.

35. (previously presented) Threaded bolt according to claim 31, wherein the second circumferential plane is contiguous to the first circumferential plane of the recess and forms a conical surface oblique with respect to the longitudinal axis, the angle of which is maximally 45° with respect to the longitudinal axis.

36. (currently amended) Threaded bolt according to claim 35, wherein the conical surface of the second circumferential plane at a proximal side changes into a third cylindrical plane via an angle which is oblique with respect to the longitudinal axis, ~~preferably the angle is between 25-35°,~~ which cylindrical plane is contiguously provided with the thread.

37. (previously presented) Threaded bolt according to claim 31, wherein the distal insertion end of the bolt is truncated.

38. (previously presented) Threaded bolt according to claim 31, wherein the recess has been formed by means of one single upsetting treatment of the insertion end.

39. (previously presented) Threaded bolt according to claim 31, wherein said conical plane on said second circumferential plane has been obtained by means of a machining treatment.

40. (previously presented) Threaded bolt according to claim 31, wherein the measurement plane on the distal insertion end has been arranged without final processing operation.

41. (currently amended) Threaded bolt having a proximal head end and a distal insertion end, said bolt having a longitudinal axis extending between both said ends,

wherein the head end and the insertion end have been provided with radial measurement planes for use in ultrasonic length measurement for determining the tension in the threaded bolt after it has been placed in a connection,

wherein the measurement plane at the insertion end has ~~been formed by the~~ a flat bottom of a recess at the insertion end, wherein the recess is bounded by a circumferential wall, which [[-]]seen in cross-section[[-]] at the outermost distal end of the

bolt changes direction at a substantially V-shaped portion ~~at a point changes~~ into [[the]] a flank of the insertion end ~~via a buckle or curve~~,

wherein the proximal head end has an outermost proximal end plane, wherein the measurement plane at the proximal head end is located on the outermost proximal end plane, [[and]] wherein both measurement planes are perpendicular to the longitudinal axis, and

wherein said proximal head end is adapted to removably receive a sensor for measuring a distance between the measurement planes.

42. (previously presented) Threaded bolt according to claim 41, wherein the change from the circumferential wall of the recess into the flank runs according to a convex course.

43. (previously presented) Threaded bolt according to claim 41, wherein the change from the circumferential wall of the recess to the flank has a sharp buckle shape.

44. (new) The threaded bolt according to claim 24, wherein the angle of the conical surface is greater than 45°.

45. (new) The threaded bolt according to claim 34, wherein the angle of the conical surface is greater than 45°.

46. (new) The threaded bolt according to claim 26, wherein the angle of the conical surface of the third cylindrical plane is between 25-35°.

47. (new) The threaded bolt according to claim 36, wherein the angle of the conical surface of the third cylindrical plane is between 25-35°.

48. (new) The threaded bolt according to claim 21, wherein an entirety of a surface of the bolt along the outermost proximal end plane is available for measurement.